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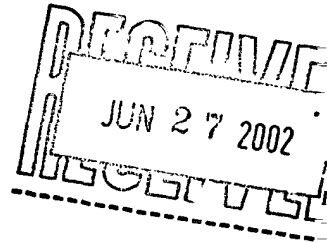
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Typed or Printed Name of Person Mailing Paper or Fee: Patricia AguilonSignature: Patricia AguilonPATENT
Docket No. P1410

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE



APPLICANT: SERGEY LOPATIN
ALEXANDER H. NICKEL
PAUL L. KING

SERIAL NO.: 10/084,563

EXAMINER: UNASSIGNED

FILED: FEBRUARY 26, 2002

ART UNIT 2812

FOR: METHOD OF REDUCING ELECTROMIGRATION IN A COPPER
LINE BY ELECTROPLATING AN INTERIM COPPER-ZINC
ALLOY THIN FILM ON A COPPER SURFACE AND A
SEMICONDUCTOR DEVICE THEREBY FORMED

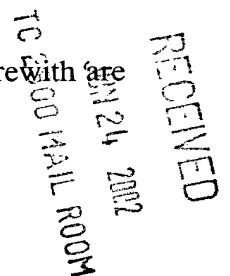
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

TRANSMITTAL LETTER

Dear Sir:

In connection with the above referenced patent application, transmitted herewith are
the following:

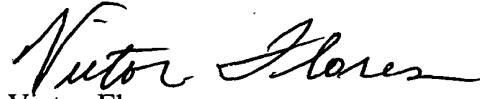
1. Information Disclosure Statement (1 pages);
2. Information Disclosure Statement By Applicant Form PTO-1449 (1 page);
3. U.S. Patent No. 6,197,181 B1 (18 pages);
4. U.S. Patent No. 6,022,808 (6 pages);
5. Article "A Practical Guide to Semiconductor Processing" (3 pages);
6. Article "Electrochemical Codeposition and Electrical Characterization of a Copper-Zinc Alloy Metallization" (2 pages);
7. Article "Using Electrochemistry to Improve Copper Interconnect" (4 pages);
8. Article "ECD Seed Layer for Inlaid Copper Metallization" (2 pages); and



9. Post card in acknowledgment of receipt of all transmitted materials.

Please date-stamp the enclosed postcard and return same to the undersigned in acknowledgment of receipt of all transmitted material.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Victor Flores". The signature is fluid and cursive, with the first name "Victor" being more prominent than the last name "Flores".

Victor Flores

Reg. No. 29,638

VF/sgs

June 14, 2002

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